

FILE 'REGISTRY' ENTERED AT 14:51:50 ON 13 DEC 2005

L1 2857 (PT AND AG)/ELS

L2 55 (PT AND CU AND GA AND AG)/ELS

FILE 'HCAPLUS' ENTERED AT 14:52:30 ON 13 DEC 2005

L3 31 L2

L4 1838 (PT AND CU AND GA AND AG)

L5 24 L3 AND L4

AN 1987-338642 [48] WPIDS

DNC C1987-144731

TI Sulphidation resistant silver alloy - contains platinum and palladium, gold, zinc, indium, tin, iridium, gallium, ruthenium and/or copper.

DC M26

PA (SHIH) SEIKO EPSON CORP

CYC 1

PI JP 62243725 A 19871024 (198748)* 6

ADT JP 62243725 A JP 1986-87627 19860416

PRAI JP 1986-87627 19860416

AB JP 62243725 A UPAB: 19930922

The alloy comprises 90-95% **Ag** and 0.2-9% **Pt**, at least one of 0.2-9% **Pd**, 0.2-4% **Au**, 0.1-5% **Zn**, 0.2-9% **In**, 0.1-5% **Sn**, 0.1-3% **Ir**, 0.1-3% **Ga**, 0.1-3% **Ru**, 0.1-4% **Cu**, by weight, and balance unavoidable impurities.

USE - The **Ag** alloy having sulphidation resistance is used for exterior trim components for watches, lighters, cigarette cases, and rings, bracelets, or pendants, tablewares, and tapestries.
0/0

AN 1987:641176 HCAPLUS
DN 107:241176
TI Sulfiding-resistant silver alloys
IN Kasai, Toshiro; Morita, Yoshio
PA Seiko Epson Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 62054046	A2	19870309	JP 1985-194451	19850903
PRAI	JP 1985-194451		19850903		

AB The alloys contain; (a) **Ag** 90-95, Pd 0.5-9, Ir 0.1-3 and **Pt** 0.5-9, Au 0.5-7, In 0.5-7, Zn 0.1-5, Sn 0.1-5, Ru 0.1-3, and/or **Ga** 0.1-5%; or (b) **Ag** 90-95, **Pt** 0.5-9, Ir 0.1-3, and Pd 0.5-9, Au 0.5-7, In 0.5-7, Zn 0.1-5, Sn 0.1-5, Ru 0.1-3, and/or **Ga** 0.1-5%. The alloys show white brightness, and are useful for ornamental articles or tableware. Thus, alloy ingot slab 6 mm thick (containing **Ag** 90, Pd 9, Ir 0.1, In 0.6, and Zn 0.3%) was rolled into a plate 3 mm thick. The plate showed a silvery color with no change in synthetic sweat, as well as good workability in press punching test and Vickers hardness 125, vs. a silvery color with blackening, good workability, and 130 for **Ag**-7.5% **Cu** alloy.